

analyze the plurality of audio samples to identify an audio sample of the plurality of audio samples that is equally well suited or more well suited for speech recognition; and

select an identified audio sample of the plurality of audio samples that is equally well suited or more well suited for speech recognition.

51. The apparatus of claim **50**, the memory storing instructions that when executed by the at least one processor cause the apparatus to at least one of:

determine a plurality of signal-to-noise ratios, each of the plurality of signal-to-noise ratios corresponding to one of the plurality of audio samples, and wherein the audio sample of the plurality of audio samples that is equally well suited or more well suited for speech recognition corresponds to a signal-to-noise ratio of the plurality of signal-to-noise ratios that indicates a proportion of signal-to-noise that is as great or greater than each of the plurality of signal-to-noise ratios;

determine a plurality of amplitude levels, each of the plurality of amplitude levels corresponding to one of the plurality of audio samples, and wherein the audio sample of the plurality of audio samples that is equally well suited or more well suited for speech recognition corresponds to an amplitude level of the plurality of amplitude levels that is as great or greater than each of the plurality of amplitude levels;

determine a plurality of gain levels, each of the plurality of gain levels corresponding to one of the one or more secondary devices, and wherein the audio sample of the plurality of audio samples that is equally well suited or more well suited for speech recognition corresponds to a gain level of the plurality of gain levels that is as low or lower than each of the plurality of gain levels; and

determine a plurality of phoneme recognition levels, each of the plurality of phoneme recognition levels corresponding to one of the plurality of audio samples, and wherein the audio sample of the plurality of audio samples that is equally well suited or more well suited for speech recognition corresponds to a phoneme recognition level of the plurality of phoneme recognition levels that indicates a phoneme recognition level as great or greater than each of the plurality of phoneme recognition levels.

52. The apparatus of claim **48**, wherein the plurality of audio samples captured by the one or more secondary devices includes at least one audio sample comprising a voice other than the voice of the user of the principal device, the memory storing instructions that when executed by the at least one processor cause the apparatus to:

identify the at least one audio sample comprising the voice other than the voice of the user of the principal device by

comparing each of the plurality of audio samples to a reference audio sample of the voice of the user of the principal device; and

discard the at least one audio sample comprising the voice other than the voice of the user of the principal device.

53. The apparatus of claim **48**, wherein the plurality of audio samples captured by the one or more secondary devices includes at least one audio sample comprising both the voice of the user of the principal device and a voice other than the voice of the user of the principal device, the memory storing instructions that when executed by the at least one processor cause the apparatus to:

separate the at least one audio sample comprising both the voice of the user of the principal device and the voice other than the voice of the user of the principal device into a first portion and a second portion by comparing the at least one audio sample comprising both the voice of the user of the principal device and the voice other than the voice of the user of the principal device to a reference audio sample of the voice of the user of the principal device, the first portion comprising the voice of the user of the principal device, and the second portion comprising the voice other than the voice of the user of the principal device; and

discard the second portion comprising the voice other than the voice of the user of the principal device.

54. The apparatus of claim **48**, the memory storing instructions that when executed by the at least one processor cause the apparatus to:

divide each of the plurality of audio samples captured by the one or more secondary devices into a plurality of frames;

select, from among the plurality of frames, a plurality of preferred frames, each of the plurality of preferred frames corresponding to a portion of time over which the plurality of audio samples captured by the one or more secondary devices were captured, and each of the plurality of preferred frames being equally well suited or more well suited for speech recognition than any of the plurality of frames that correspond to the portion of time over which the plurality of audio samples captured by the one or more secondary devices were captured; and

combine each of the plurality of preferred frames to form the audio sample comprising the voice of the user of the principal device.

55. The apparatus of claim **54**, wherein the plurality of preferred frames comprises a first frame from a first of the plurality of audio samples and a second frame from a second of the plurality of audio samples, the second of the plurality of audio samples being a different audio sample from the first of the plurality of audio samples.

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